PN - JP2001087117 A 20010403
TI - CARPET AND NON-SLIP IMPLEMENT
PR - JP19990265697 19990920
AP - JP19990265697 19990920
PA - HASETORA SPINNING CO LTD
IN - HASE KAZUHARU
PD - 2001-04-03
IC - A47G27/02
FI - A47G27/02&109 ; A47G27/04&B
DT - I

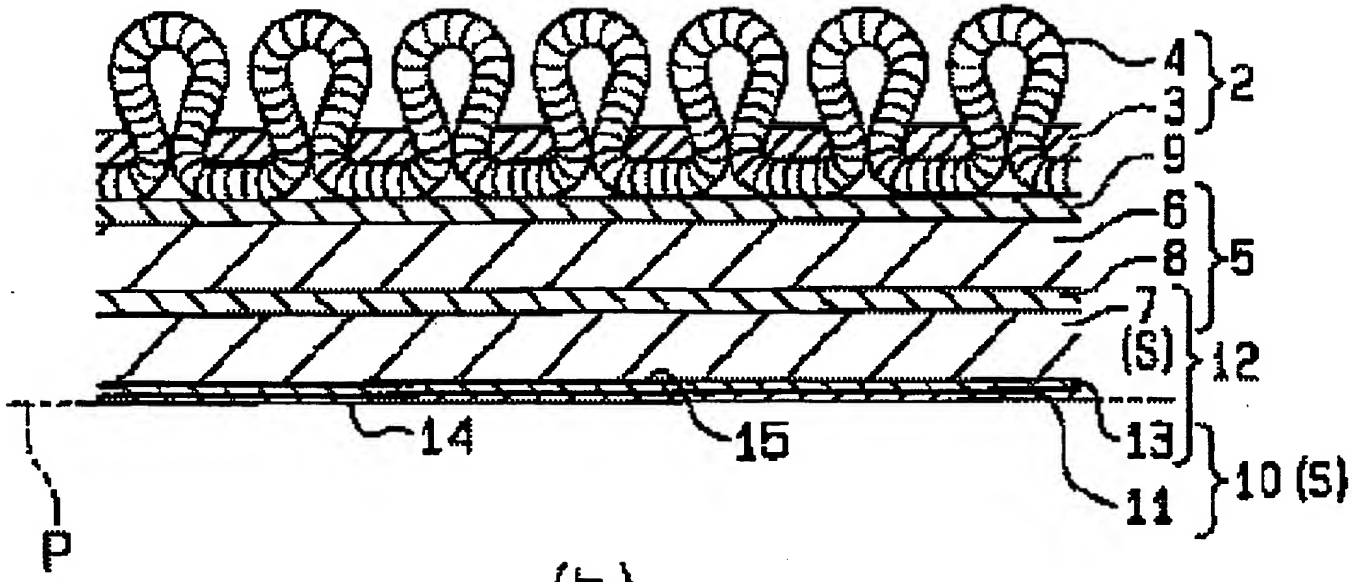
AN - 2001-332273 [35]
TI - carpet for spreading over room floor surface, has antiskid tool having surface fastener detachably fixed to carpet bottom layer
AB - JP2001087117 NOVELTY - An antiskid tool (10) is provided at the bottom layer (5) of the carpet, and includes a surface fastener (12). The surface fastener includes a lower felt layer (7) and a contact piece (13), and is detachably fixed to the carpet bottom layer. An antiskid surface (14), formed with minute recesses (17) and contact surfaces (19), are formed at the bottom of the contact piece.
- DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the antiskid tool.
- USE - For spreading over room floor surface.
- ADVANTAGE - Improves antiskid performance of carpet. Simplifies attachment and detachment of antiskid tool to and from carpet bottom layer.
- DESCRIPTION OF DRAWING(S) - The figure shows the partial cross-sectional views of the carpet.
- Bottom layer 5
- Lower felt layer 7
- Antiskid tool 10
- Surface fastener 12
- Contact piece 13
- Antiskid surface 14
- Minute recesses 17
- Contact surfaces 19
- (Dwg.4/6)
PN - JP2001087117 A 20010403 DW200135 A47G27/02 006pp
PR - JP19990265697 19990920
PA - (HASE-N) HASEKO BOSEKI KK
CPY - HASE-N
AP - JP19990265697 19990920
IC - A47G27/02 ;A47G27/04
DC - P27
IW - CARPET SPREAD ROOM FLOOR SURFACE ANTISKID TOOL SURFACE FASTEN DETACH FIX CARPET BOTTOM LAYER
OPD - 1999-09-20
ORD - 2001-04-03

PN - JP2001087117 A 20010403
TI - CARPET AND NON-SLIP IMPLEMENT
AB - PROBLEM TO BE SOLVED: To facilitate the connection of respective tile carpets, to enhance a non-slip function, to simplify the attachment and detachment structure of non-slip implements 10 and to facilitate the manipulation to attach and detach the non-slip implements 10.

- SOLUTION: Non-slip means S existing on the lower side of a laminate 5 consist of joined bodies (lower felt layers 7) of hook-and-loop fasteners 12 disposed on the lower side of the laminate 5 and the non-slip implements 10 provided with non-slip surfaces 14 on the lower side of the joined body 13 of the hook-and-loop fasteners 12. The non-slip surfaces 14 are molded of a special synthetic resin having flexibility to the extent that the surfaces recess slightly. The surfaces have a multiplicity of microrecesses 17 and microgaps 18 within the microrecesses 17. Contact surfaces 19 formed around the microgaps 18 and the inside surfaces 17a of the microrecesses 17 are the attraction contact surfaces of the non-slip surfaces 14. The non-slip implements 10 are attachably and detachably mounted to the lower side of the laminate 5 by means of their hook-and-loop fasteners 12.

PA - HASETORA SPINNING CO LTD
IN - HASE KAZUHARU
AP - JP19990265697 19990920
I - A47G27/02 ;A47G27/04
PD - 2001-04-03
ABD - 20010803
ABV - 200021

(a)


4
3
2
9
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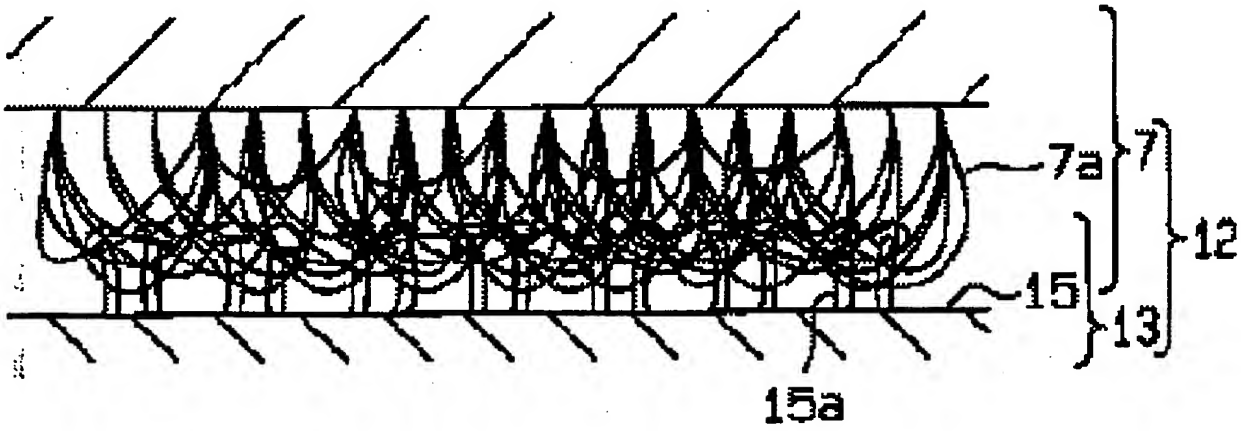
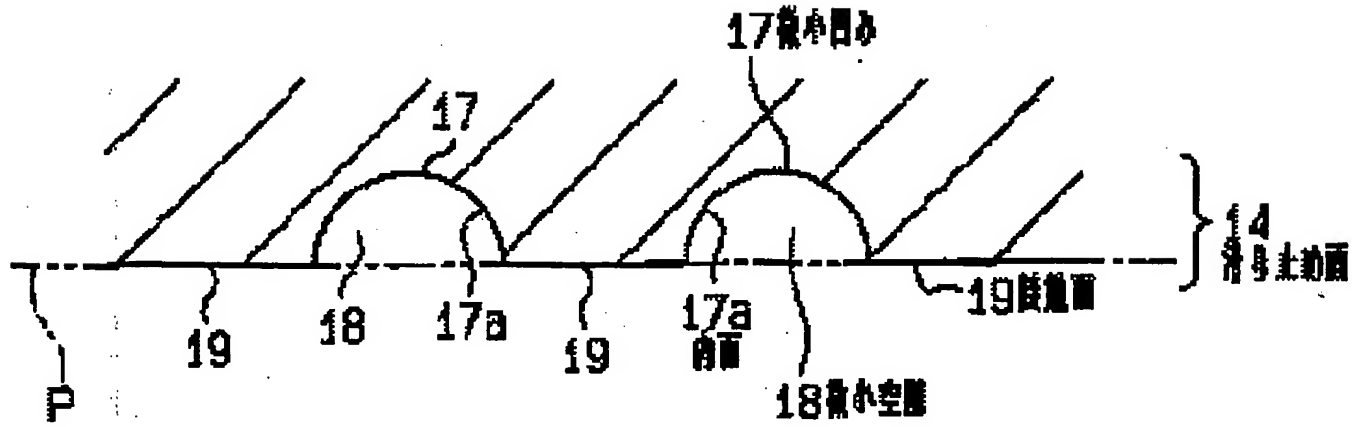
5
7
(S)
12
14
15
13
11
10 (S)
P

(b)


7a
7
12
15
13
15a

(c)


17
19
18
17a
19
17a
18
19
14
P